



Bearing Parts Trade Co., Ltd.



2218 KM Bearing 2D drawings and 3D CAD models

90 mm x 160 mm x 40 mm SKF 2218 KM Self Aligning Ball Bearings

Bearing No. 2218 KM

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-318
Cage Material	Brass
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 2.5 Deg 1:12 Taper
Long Description	90MM Bore; Tapered Adapter Mount; 160MM Outside Diameter; 40MM Inner Race Width; 40MM Outer Race Width; Open; Brass Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68



Bearing Parts Trade Co., Ltd.

Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Outer Race Width	1.575 Inch 40 Millimeter
Inner Race Width	1.575 Inch 40 Millimeter
d	3.543 Inch 90 Millimeter
D	6.299 Inch 160 Millimeter
d	90 mm
D	160 mm
B	40 mm
d ₁	112.6 mm
D ₁	139.5 mm
r _{1,2} min.	2 mm
d _a min.	101 mm
d _a max.	111.6 mm
D _a max.	149 mm
r _a max.	2 mm
Basic dynamic load rating C	70.2 kN
Basic static load rating C ₀	28.5 kN
Fatigue load limit P _u	1.32 kN
Reference speed	7500 r/min
Limiting speed	5300 r/min
Permissible angular misalignment	2.5 °
Calculation factor k _r	0.04
Calculation factor e	0.27
Calculation factor Y ₀	2.5
Calculation factor Y ₁	2.3
Calculation factor Y ₂	3.6
Mass bearing	3.4 kg